**Hypothesis Checklist:**

\_\_\_ 1. Your hypothesis has one independent (manipulated) variable.

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| No: The plant will grow taller if we change its environment.   * What is being changed about the plants “environment?” |
| Yes: The more carbon dioxide a plant receives, the taller it will grow. |

\_\_\_ 2. Your hypothesis has one dependant (responding) variable.

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| No: The more sleep an athlete gets, the better he/she will perform.   * How will you know if they performed “better?” |
| Yes: The more sleep an athlete gets, the shorter his/her time will be in the 40  yard dash. |

\_\_\_ 3. It is possible to test and retest your hypothesis

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| No: I think lighter cars can stop faster than heavier cars.   * We can’t test what you think. |
| Yes: The greater the mass of a car, the longer it will take to stop. |

\_\_\_ 4. Your hypothesis includes an explanation of the reasoning behind it and/or supporting evidence from outside research.